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	Application No.	Applicant(s)
Notice of Allowability	10/696,704	BOWEN ET AL.
	Examiner	Art Unit
	Ling-Siu Choi	1713
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. This communication is responsive to		
2. The allowed claim(s) is/are <u>1-20</u> .		
3.		
 Attachment(s) 1. ⊠ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 08/24/2005 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. ☐ Interview Summary Paper No./Mail Dat 8), 7. ☐ Examiner's Amenda	ė .

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DETAILED ACTION

1. This Application is a Division of US Application No. 10/222,739, filed August 16, 2002. Claims 1-20 are now pending, wherein claim 1 is an independent one.

Allowable Subject Matter

- 2. Claims 1-20 are allowed.
- 3. The following is an examiner's statement of reasons for allowance:

The present claims are allowable over the closest references: Ender (US 3,287,291) and Nakamura et al. (US 5,973,067).

A polymer comprising polymer chains having

at least one modified silane moiety bonded thereto,

wherein the modified silane moiety is a structural formula selected from the group consisting of formulae 1-10 shown in claim 1

(summary of claim 1)

Ender discloses an organosilicon compound represented by the formula of Si[(OCH₂)_nOCH₃]₄ which includes Si(OCH₂OCH₃)₄, Si[(OCH₂)₅OC₄H₉]₄, Si(OCH₂OC₂H₅)(OCH₂OCH₃) (OCH₂OCH₂OC₂H₅) (OCH₂OCH₃), Si(OCH₂OCH₃)[(OCH₂)₃OCH₃] [(OCH₂)₂OCH₃] [(OCH₂)₄OCH₃] (col. 1, lines 15-20; col. 2,

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2. . .

lines 14-26). However, Ender does not teach or fairly suggest a polymer comprising the claimed

modified silane moiety.

Nakamura et al. disclose an alkenyltrialkoxysilane which can be allyltrimethoxysilane,

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allyltriethoxysilane, allyltri(ethoxymethoxy)silane, butenyltrimethoxysilane,

hexenyltrimethoxysilane, or hexaenyltriethoxysilane (claims 1 and 3). However, Nakamura et al.

do not teach or fairly suggest a polymer comprising the claimed modified silane moiety.

In light of the above discussion, it is evident as to why the present claims are patentable

over the prior art.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Ling-Siu Choi whose telephone number is 571-272-1098.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

David Wu, can be reach on 571-272-1114.

4000 LING-SUI CHOI

PRIMARY EXAMINER

November 30, 2005